

## ABSTRACT OF THE DISCLOSURE

5 A system and method of managing transmission loads in a data communication network implement a plurality of data processing modules, such as computer servers, each of which may be responsible for a limited range of data processing tasks. A load manager may distribute incoming data packets in accordance with the particular network transaction with which the data packets are associated as well as the present load at each of the plurality of data processing modules. A dedicated load manager, such as a computer server, may execute a hash function to direct incoming data traffic and to allocate system resources.